Docket No. <u>AUS920010639US1</u> Sweitzer, et al.

System and Method for Analyzing Software Components Using Calibration Factors

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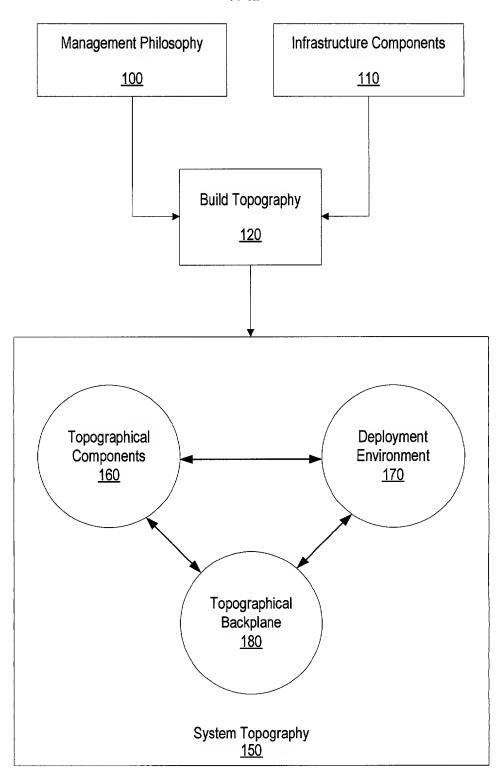


Figure 1

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2/12 First Copy of Topography Neutral **Application Component** <u>210</u> 220 First Topography Implementation (i.e. centralized) Topography Neutral Application Component Library <u>200</u> Second Copy of **Topography Neutral Application Component** <u>230</u> 240

Second Topography Implementation (i.e. distributed)

Figure 2

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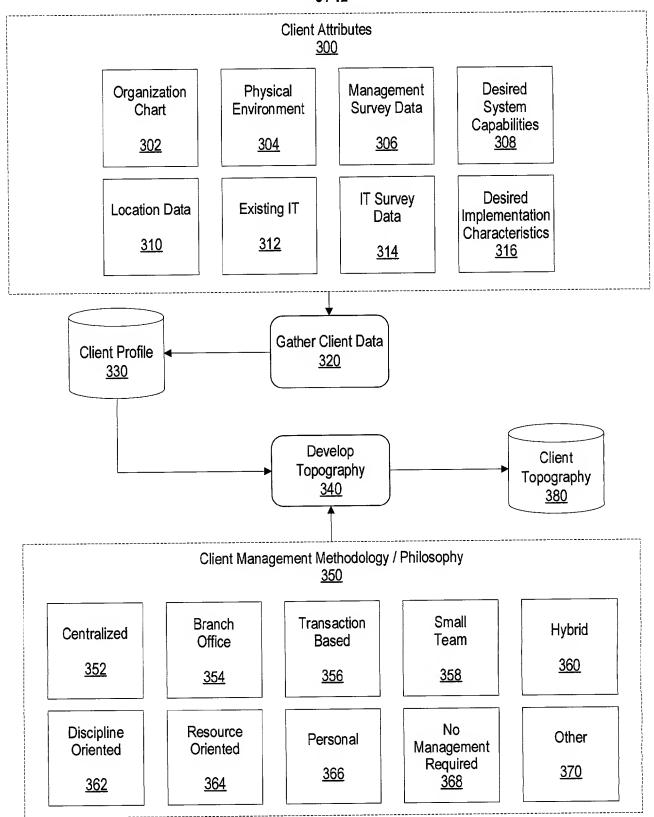


Figure 3

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		Calibration Factor Sets (Management Philosophies) 410		
		Calibration Set A 415	Calibration Set B	Calibration Set n
Topography Requirement	Communications Framework 440	Component 443	Component 446	Component 449
	Deployment Mechanism 450	Component 453	Component 456	Component 459
	Security Infrastructure 460	Component 463	Component 466	Component 469
	Component Interaction 470	Component 473	Component 476	Component 479
	Operation Conduit 480	Component 483	Component 486	Component 489
	Other Requirement(s) 490	Component 493	Component 496	Component 499

Component Metadata

- Component Identifier
- Target Platform
- Development Environment
- Control Model
- Scale (size) of Topography
- Resource Aggregation
- Management Style

<u>405</u>

- Component Dependencies
- Component Placement
- Component Packaging Data
- Component Bundling Info
- Component Options
- Component Build Info

Figure 4

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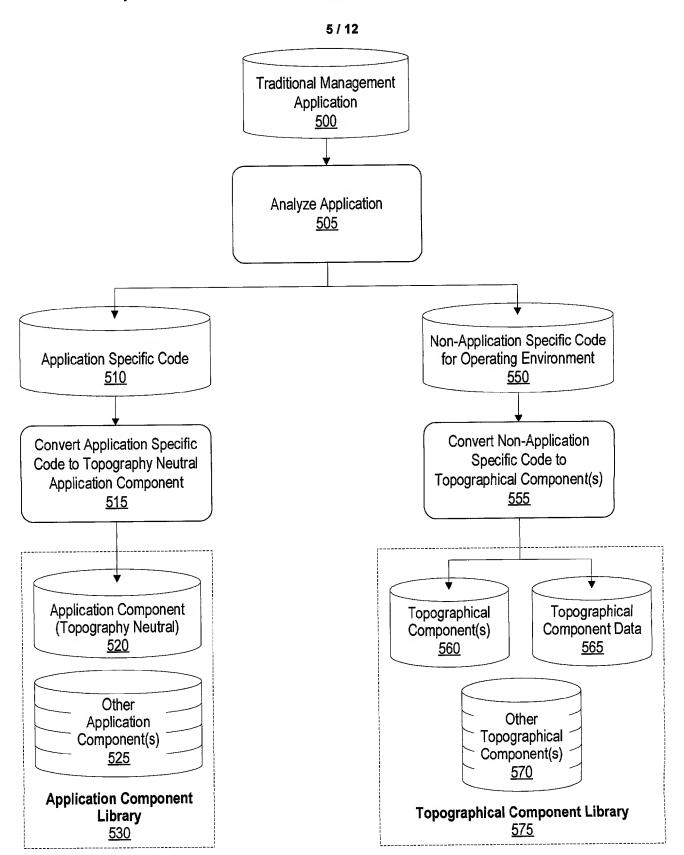


Figure 5

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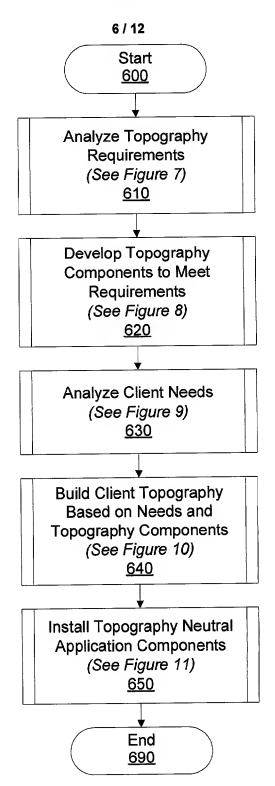


Figure 6

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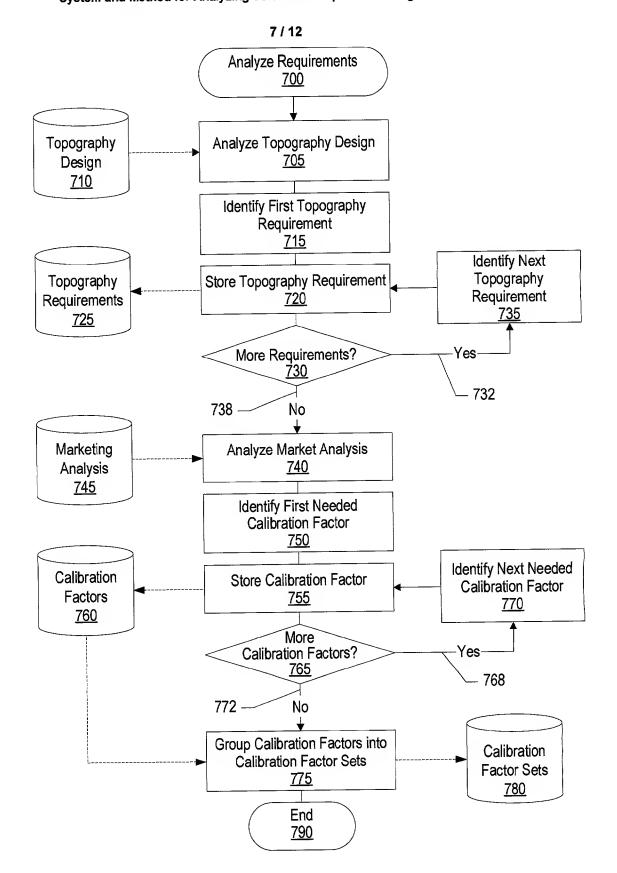


Figure 7

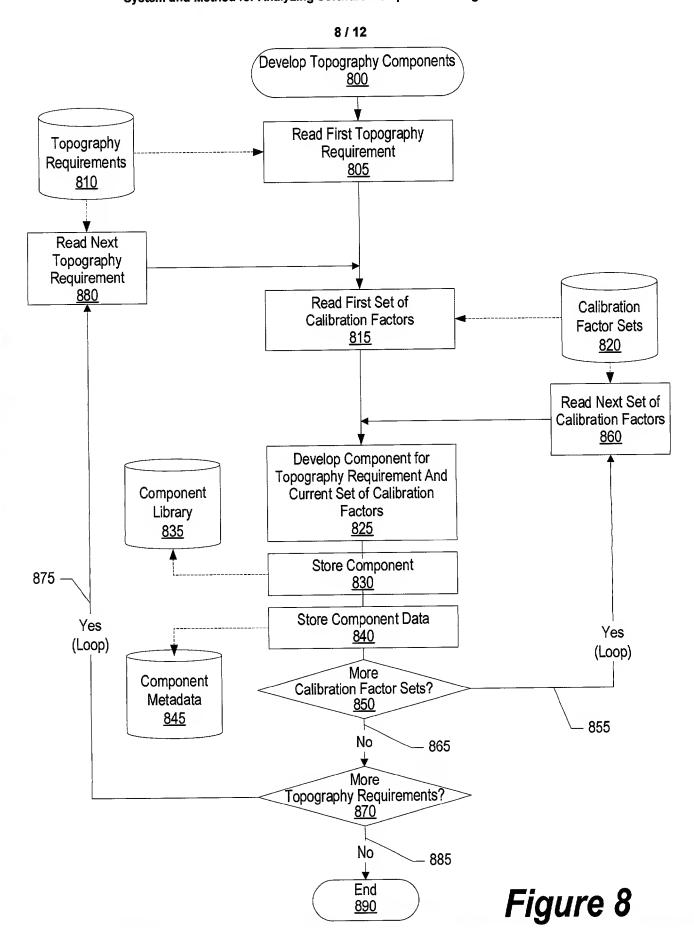
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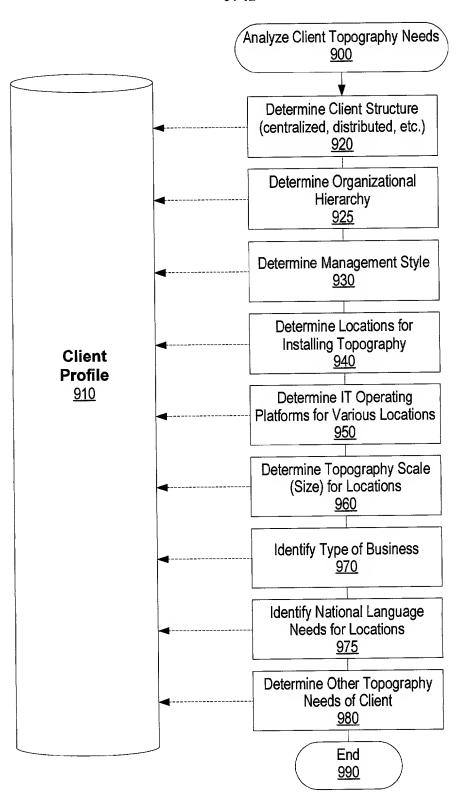
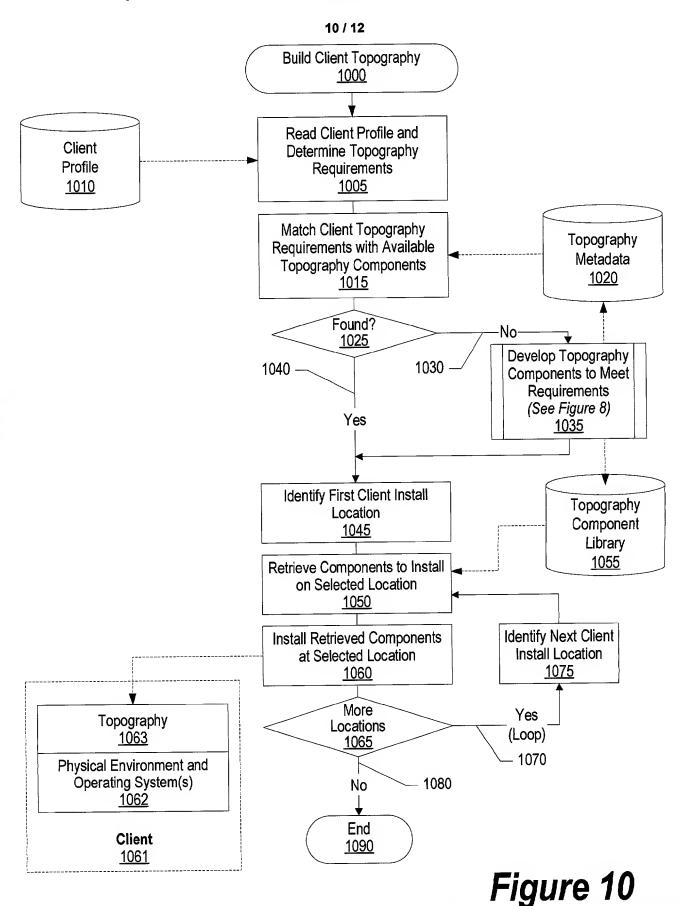


Figure 9

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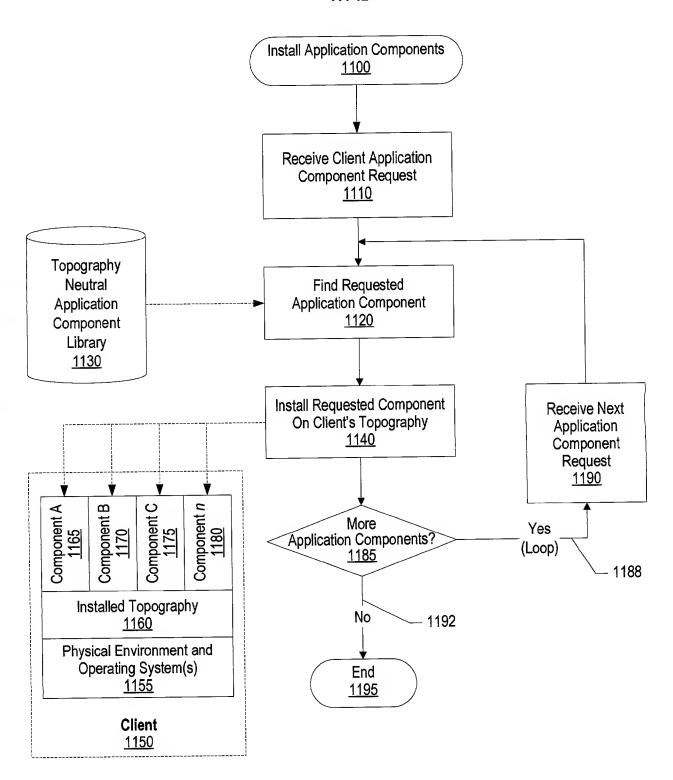


Figure 11

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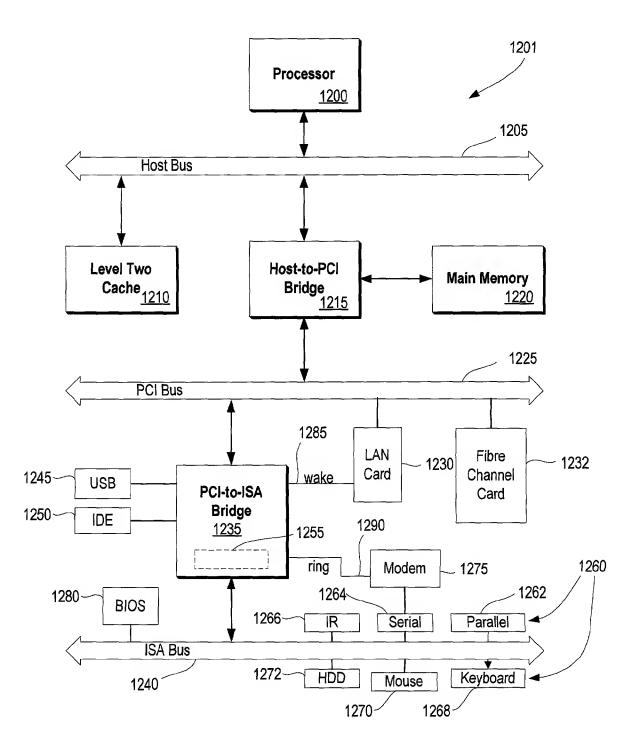


Figure 12